

Abstract:

A pulley (1) consists of a pulley basic body (2) [sic] which has a cylindrical outer circumferential surface (8). Sitting on this cylindrical outer circumferential surface (8) is a tire (3), which is of sandwich-like design with regard to its radial extent. This results in a plurality of rings (13, 14, 15) concentric to one another. The ring (13) which is furthest on the inside in the radial direction and the ring (15) which is furthest on the outside in the radial direction are in each case elastomeric rings, whereas a reinforcing ring (14) is located between them. The elastomeric outer ring (15) is harder than the elastomeric inner ring (13), so that a very abrasion-resistant surface is achieved, over which the rope runs, whereas the elastomeric inner ring (13) provides for adequate resilience. The reinforcing ring (14) is provided in order to distribute the rope load as uniformly as possible over the elastomeric inner ring (13).

(Fig. 2)